

FIGURE 1A

	. -	_	_	<u>~</u> .		_
*	TYWGYPAE	ERWGYPAM	LPLGYPCT	/IVHGYKCÇ	IPYGYPCS	09
+	UTMNI SQMI	LHMTTPQI	SGGCCDOLI	VYGICASSV	SLCEEL]	
+	LLLTAASVISTLGTTHGLFGKLHPTNPEVTMNISQMITYWGYPAE	FAVFLAAFFVQDVVGSHGDPELHMTTPQIIERWGYPAM	IAPGGALPL-ILLVVSCCGRIVSGASPAAAARRVGSGSGGLCDQLLLPLGYPCT	MALLGLMSFAALTLFLVLTTVPRQAHASSRGNLGRNINPSVYGICASSVIVHGYKCQ	'LATLAITVSILLGNGNPVQCFDGGSHQKQQHSLCEELIIPYGYPCS	
+	-LLLTAAS	FAVFLAAF	-ILLVVSC	FLVLTT	SILLGNGN	
+	! ! ! ! !	[PGGALPL.	SFAALTLI	ATLAITV:	
+ *	MW	MWR	MAMAGHA	MALLGLM	MRIQRFL	⊢
	NO:35	NO:36	NO:14	NO:18	NO:20	
	N C) NC) N	N	
	II (II (OI (II	II (
	SEQ	SEQ	SEQ	SEQ	SEQ	

IYTVATDDGYILEMHRIPFGKTNVTWPNGKR-PVVFMQHGLLCASSDWVVNLPDQSAGFL EYEVVTEDGYIIGIDRIPYGRKNSE-NIGRR-PVAFLOHGLLASATNWISNLPNNSLAFI EHTIQTKDGFLLGLQRVSSSSSLRLRNHGDGGPPVLLLHGLFMAGDAWFLNTPEQSLGFI EHNVETKDGFLLSLQHIPHGKN---KAADSTGPPVFLQHGLFQGGDTWFINSAEQSLGYI EHEVTTDDGYILSLQRI PEGRG-KSSGSGTRKQPVVIQHGVLVDGMTWLLNPPEQDLPLI ** * NO:38 NO:14 NO:37 NO:18 NO:20 ΠD Π ΠI ΠI SEQ SEQ SEQ SEQ SEQ

LADNGFDVWIGNVRGTRWSKGHSTFSVHDKLFWDWSWQELAEYDLLAMLGYVYTVTQS-K LADNGFDVWIANTRGTRYSRRHISLDPSSQAYWNWSWDELVSYDFPAVFNYVFSQTGQ-K LADHGFDVWVGNVRGTRWSHGHISLLEKKKQFWDWSWQELALYDVAEMINYINSVTNS-K FADAGFDVWLGNMRGNTYSMKHKDLKPSHSAFWDWSWDEMATYDLNAMINHVLEVTGQDS LADAGYDVWLGNSRGNTWARRNLYYSPDSVEFWAFSFDEMAKYDLPATIDFILKKTGQDK * ++** *** * 121 NO:18 NO:20 NO:37 NO:38 NO:14 ΠI П П SEQ SEQ SEQ SEQ



FIGURE 1B

++ * *+++ + ++ ++ ++ ++ ++ ++ ++ ++ ++ +	LHYVGHSQGTTIGFIAFSTNP-KLAKRIKTFYALAPVATVKYTETLLNKLMLVPSFLFKL	VYYMGHSQGTLTMFSHLSKDDGSFAKKIKKFFALAPIGSVKHIKGFLSFFANY-FSL	ILYVGHSQGTIMGLAALTMPEIVKMISSAALLCPISYLDHVSASFV-LRAVAMHLDQM	INYVGHSLGTLVALASFSEGKLVTQLKSAALLSPIAYLSHMNTALG-VVAPKSFVGEI	IFVVGHSQGTIISLAAFTQPEIVEKVEAAALLSPISYLDHVSAPLV-LRMVKMHIDEM	181 240
	NO:37	NO:38	NO:14	NO:18	NO:20	
	ID	ID N	ID N	ID	ID N	
	SEQ	SEQ	SEQ	SEQ	SEQ	

-----IFGNKI FYPHHFFDQFLATEVCSRETVDL-LCSNALFIICGFDTMNLNMSRLD EFDGWFDIFGAGEFLPNNWAMKLAAKDICGGLKVEADLCDNVLFLIAGPESDQWNQTRVP 300 --TMGIHQLNFRSDMGVQIVDSLCDGEHVD---CNNLLSAITGENC-CFNTSRID -TMGIHQLNFKSEWGASILVSLCDT-RLS---CNDMLSSITGKNC-CFNESRVE --LFGLAEFNPKGLAVDAFLKSLCAHPGID---CYDLLTALTGKNC-CLNSSTVD LV------LL IL--241 NO:38 NO:37 NO:18 NO:14 NO:20 П ID ΠI ΠD ID SEQ SEQ SEQ SEQ SEQ

360 YYLEYEPHPSSTKNLHHLFQMIRKGTFAKYDYGLLG-NLRRYGHLRPPAFDLSSIPESLP LFLMNEPQSTSTKNMVHLAQTVRLGALTKFNYVRPDYNIMHYGEIFPPIYNLSNIPHDLP FYLEQEPHPSSSKNLNHLFQMIRKGTYSKYDYGKLK-NLIEYGKFNPPKFDLSRIPKSLP VYLSHNPAGTSVONVLHWSOAVKSGKFOAFDWGSPVONMMHYHOSMPPYYNLTDMHVPIA VYATHDPAGTSTQNIVHWMQMVHHGGVPAYDWGTKTNKKK-YGQANPPEYDFTAIKGTKI * + * NO:38 NO:18 NO:37 NO: 14 NO:20 П П ΠD ΠI

SEQ

SEQ



FIGURE 1C

* +* * * *	-IPPYNHLDFIWAMDAPQAVYNEIV	HLPDYNHLDFTWGLRAPDDIYRPAI	YIGDYGHIDFVMSVKAKDDVYVDLI	FIQEYAHADYIMGFNAKDLVYNAVL	YLENYGHVDFILSLQAKQDLYDPMI	420	
*	VWNGGNDLLADPHDVDLLLSKL-PNLIYHRKIPPYNHLDFIWAMDAPQAVYNEIV	YLYWSDADWLADTPDVPDYLLTRINPAIVAQNNHLPDYNHLDFTWGLRAPDDIYRPAI	IWMGYGGLDALADVTDVQRTIRELGSTPELLYIGDYGHIDFVMSVKAKDDVYVDLI	LFISYGGRDALSDVRDVENLLDKLKFHDENKRSVQFIQEYAHADYIMGFNAKDLVYNAVL	LWMAYGGNDALADITDFQHTLKELPSPPEVVYLENYGHVDFILSLQAKQDLYDPMI	361	
	NO:37	NO:38	NO:14	NO:18	NO:20		
	Π	H	H	Π	Π		
	SEQ	SEQ	SEQ	SEQ	SEQ		

SEQ ID NO:37 SMMGTD----NK
SEQ ID NO:38 KLCTDD--YLGK
SEQ ID NO:14 RFLRENGWHNSY
SEQ ID NO:18 SFFNHQ----V
SEQ ID NO:20 SFFKSSGKFSSM
421 433